

United States to Have A Wireless Telegraph System Like Germany

Plan to Bind All Parts and Possessions of Nation Together—Will Supplement Use of Cables in Case Country Is Plunged Into War.

By JUDSON C. WELLIVER.

The United States will before long possess a world-wide wireless telegraph system approaching in completeness that which Germany possessed at the outbreak of the war, and which constituted one of the wonders of German preparation for the great conflict.

Germany very plainly anticipated the possibility that in case of war her communications with the outside world by wire might be interrupted, and so she set about creating a system of very high-power radio stations through which she might maintain communication. She had them on the north shore of the Mediterranean, in East and West African possessions, in various parts of the Pacific, on the China coast—scattered wherever they might be needed and sites could be secured.

NUMBER IS NOT KNOWN.

It is not known how many establishments were set up through subterfuges, like the immense one at Sayville, Long Island, that posed as an American commercial enterprise, while in fact it was always suspected, and finally proved, to be at least a quasi-government institution. Wireless installations were found in Antwerp, in Paris, in many other places, concealed in various ways; parts of the wonderful German espionage system that reached to all the world.

Operating in Maine.

Experts in wireless matters long believed that a German station of considerable power was operating somewhere in Maine for the transmission of naval intelligence; and even today many of them firmly maintain that German radio stations have by no means been rooted out from the soil of neutral and even enemy countries.

The United States, needless to say, has not undertaken to establish a wireless secret communication service, but it has gone in for a system of radio communication that will bind all the parts and possessions of the United States together, and that in case of war's exigencies could be used to supplement the cables, which might be interrupted. A signal will suggest, as to the direction in which this country looks when it thinks of possible trouble, is given by the fact that the Panama Canal Zone and the broad Pacific have been especially provided for in this way.

The waters in which the American navy might have to operate have been especially looked after. There are now forty-seven naval radio stations on land, while every important body of water, of course, a wireless establishment at all times, wherever it may be, when in commission. It is to be noted that the great stations have been placed where they may be defended if necessary by military establishments that are maintained there. If one will take a globe, or a plane projection of the world's map, then put pins on the locations of the naval stations, and the broad Pacific stations, it will not be difficult to note how the system is being perfected with reference to possible use in war.

Studded With Pins.

Thus the waters of the Caribbean, the Gulf and the Canal Zone areas are studied with pins. The Pacific mainland coast is well supplied; Alaska has five navy and six army plants; there is a station far away in the South Seas, at Tutuila, Samoa; another is maintained at Peking, under grant of authority by the Chinese government; the Philippine Islands have them at Cavite, Olongapo, and Fort Mills; and the Pacific is to be spanned shortly from the western coast of Mexico to the Farallones, Point Arguello, San Diego and Yerba Buena, Cal., Cape Blanco, Ore., North Cape, Puget Sound, and Tacoma, Wash., which will communicate among themselves, with the Alaskan plants, and, through Honolulu and Guam, with the Peking and Philippine installations. The highest power stations on the Pacific will be at San Francisco, on the Canal Zone, at Honolulu, Guam, and Cavite.

In the Caribbean and Gulf region, which would be in a great American war very much what the North Sea or the Mediterranean is in the European conflict, there are great radio plants at Boca Chica, Colombia, Guantanamo, at Jupiter, Key West, Pensacola, and St. Augustine, Fla.; and at New Orleans and San Juan, Porto Rico. The wonderful station at Arlington, Va., with its three immense towers, has repeatedly exchanged messages with the big station on the Canal Zone, with the Eiffel Tower in Paris, and even across the continent with San Francisco. The chain of plants in the Pacific is not yet completed though Congressional provision has been made for it. It will be more than a year before the new Honolulu station will be ready for work.

Much Matter Sent.

By far the greatest commercial use of wireless, at least so far as this country is concerned, is that between Glouce Bay, Nova Scotia, and Ireland. By this route immense amounts of both press and commercial matter are transmitted with great regularity. Since the Government took over the Sayville, N. I., plant, in order to insure that it should only be used in a way consistent with this country's neutrality, the commercial business there is reported to have increased very much. Like almost everything else of an in-

SOLDIERS' OUTING AT 50 CENTS A DAY

Many Business and Professional Men and Former Athletes Will Attend.

"Learn to be a soldier and get a summer outing. Rates only 50 cents a day. Apply to U. S. Government."

That appeal, though not in just that form, has been responded to by a number of Washington business and professional men, as well as by prominent young men, including many ex-athletes of colleges, who will go to Plattsburg, N. Y., for the summer military training camp.

"It is a sort of military Chautauqua," commented one young man here, who is looking forward to a vacation, with about the right amount of soldiering thrown in. Many of the volunteer camps may not have been raised to be soldiers, but the call of the bugle still has its charm, for the advance list shows men from nearly all walks of life, from dentists to champion tennis players.

Drill in Morning.

The daily program will be a battalion drill in the morning, followed by lectures on military subjects. Then will follow a rest period after which the men will be permitted to specialize in infantry, engineer or cavalry branches of the service.

East Miles, of 17th St. street, one of the Washington men who will go to the camp, will take part in the experi-

MENTS OF A MACHINE-GUN DETACHMENT.

He will go to New York in a few days and will go from there with the detachment of a new machine gun, and various new attachments which will be tried out at Plattsburg.

The camp opens on August 10, and will continue until September. A well-known list of men from Washington will go, including John C. Smith, 112 Connecticut avenue; Edward S. Bryant, United States Forest Service; Murray Cobb, 1622 Eighteenth street; Frank S. Brown, 1415 Chapin street; Frederick L. Huldekoper, 1614 Eighteenth street; and Thomas J. Jackson, 1810 N. street.

Fifty Cents a Day.
In all its arrangements the camp will be much like the summer camps for college students. The only expense, beside the uniform, will be the 50 cents a day mess charge, and the uniform, which will not cost, at the outside, more than \$10.

When the encampment ends the men are given rankings, and those who pass are given mark will qualify for appointment as second lieutenant of volunteers should there be a call to arms.

Tournament at Lanham Swells Town Hall Fund

LANHAM, Md., Aug. 1.—The fund for the town hall here was substantially enriched as the result of the tournament yesterday. Prince George county and the adjoining counties were well represented in horsemen, patrons, and politicians, the latter having taken part of the evening to place their political views before the public. The jousting occupied the attention of the spectators from 2 o'clock until 6 o'clock. Supper was served and dancing was enjoyed from the cool of the evening until midnight.

William Atchison, J. S. Coates, and W. J. Atchison won prizes in the day event, while J. Turner, W. R. Hardesty, and Frank Fitzpatrick won the amateur honors.

CHERCHEZ HUMAN MALARIA PATIENT

Remove Cause of Infection by Using Quinine on Everyone, U. S. Advises.

Such classic moot questions as to the priority of the egg over the chicken, considering that the one invariably comes from the other, and that patriarch of all queries: "Who hit Billy Patterson?" have been ruthlessly shoved into the background by a scientific puzzle which has been vexing the public health service.

The puzzle has consisted of a long-time inability of the service to determine just at what point of his eventful career the malarial mosquito might be eradicated with some certainty of stamping out the disease and breaking the cycle which the germs follow from insect carriers to human sufferers, and the answer has been discovered. Removing the onus from the mosquito, who has come forward with an alibi, the public health service has declared an "open season" for the hunting down of human malarial carriers, who, experts of the service contend, are far more responsible for the spread of the epidemic than is the insect who distributes the germs.

It all came about this way: M. Bruin Mitzman, who conducted several experiments in connection with the malarial mosquito, learned that during the

winter the insect loafed on his job, and that before he can resume his infectious wanderings in the days of early summer he must replenish his stock of bacilli, from some human being in whom the germs have remained virulent during the winter months. Therefore, says M. Mitzman, "cherchez la human malarial patient" and shoot him full of quinine, any time previous to May 15. In this way, according to the government experts, when friend mosquito makes his spring time call to stock up on the germ that is his stock in trade, he will find a boycott declared against him.

In this way also the cycle which is covered by the malarial bacilli from malaria patient to mosquito and back again to some other human unfortunate, will be broken.

Negotiate for Export of Oil for Swedish Dyes

The export of American crude oil products to Switzerland for manufacture into aniline colorings is the crux of a plan to relieve the dyestuff shortage in this country now being advanced by the Department of Commerce. Arrangements for this reciprocal system are now being perfected through American commercial and diplomatic officials in France.

Ambassador Sharp at Paris has notified the State Department that American shipments to Switzerland via France will be passed by the French authorities upon a satisfactory guarantee that they would not find their way into Germany or Austria. This guarantee, according to Ambassador Sharp, must come from the government of Switzerland, and he has accordingly recommended that further negotiations be conducted through the Swiss legation in Paris.

The importance of finding some solution to the dyestuff shortage problem has recently been emphasized by the closing down of New England mills on this account.

Spirit Raps on Wall, So Family Moves Out

LOS ANGELES, Aug. 1.—Spirits or practical jokers are agitating the neighborhood in the vicinity of Avenue Forty-five and Pasadena avenue. Mrs. Charles Gilbert and her family have moved out of a house there because, they assert, the spirit of Dr. Mills, the famous Spiritualist, who perished in the Titanic disaster, kept them awake nights by pounding on the walls. They believe it is Dr. Mills' spirit, because they found his name written on Spiritualists' slates under the house. The owner of the cottage says the rapping is caused by loose boards.

ADOLPH KAHN
1-3 off on Oculists' Prescriptions
Large Size Toric Lenses, the new lens curved to the shape of the eyeball. Per pair, \$1.50
Our Bifocal Lenses, which combine far and near sight in one pair. At \$1.00
ADOLPH KAHN, OPTICIAN
635 F ST. N. W.

Hamilton Watches
Gold-filled Hamilton
Watch, with 17 Jewel
Adjusted movement \$18.00
Expert watch repairing.
Prices most reasonable.
Mainpringe \$1.00
Watch cleaning \$1.00
ALL WORK GUARANTEED.
ADOLPH KAHN
635 F ST. N. W.

O'DONNELL'S DRUG STORES

904 F St., Cor. 13th and G Sts., N. W.

BIG REDUCTIONS MONDAY & TUESDAY

Monday and Tuesday Prices—Pure Drugs

Pure Gum Camphor, lb.	49c	1-lb. boxes Best Horals	18c
Aromatic Fluid Extract of	25c	Acid	15c
Cascara, 4 ounces.	39c	Extract Witch Hazel, double	15c
50c pint Best Imported Bay	8c	distilled; for all injuries, bruises,	25c
Rum.	15c	cuts, etc. Pint bottles.	5c
1-lb. cans Chloride Lime.	8c	Tinct. Benzoin, Four-ounce	25c
1 dozen Antikamnia Tablets.	15c	Household Ammonia, extra	5c
1 lb. Best Flower Sulphur.	8c	strong	25c
1-lb. cans Best Soda Phos-	15c	Best Jamaica Ginger, 4-oz.	25c
phate.	17c	Rhinitis Tablets, for la grippe,	15c
Glycerin and Rose Water,	21c	hay fever, etc.; 100 in	15c
1/2 pint	25c	Camphorated Oil. The old-fash-	15c
Sugar of Milk, lb.	25c	ioned liniment; 4-oz.	25c
Sunflower Seed, 2 lbs.	8c	Formaldehyde, Pint bottle.	10c
1-lb. box Texwax.	10c	Sal Ammoniac, for recharg-	10c
1-pint bottles Denatured	25c	ing electric batteries; 1-lb.	10c
Alcohol	25c	box	10c
1/2-lb. bars Best Cocoa But-	9c	Best English Lavender	10c
ter.		Flowers, 4 ounces.	10c
1-oz. bottle Best Castor		Senna Leaves, Fresh and	10c
Oil		clean; 4 ounces.	10c

FOR PEOPLE WHO ARE ALL TIRED OUT Compound Syrup of Hypophosphites

It sharpens the appetite, aids digestion and brings healthy restful sleep—helping nature in her efforts to restore the wasted mind and body to normal health. Acknowledged by the medical profession as the best remedy for use in all chronic and wasting diseases of the nervous system. DOLLAR BOTTLE FOR 50c

PATENT REMEDIES

\$1.00 H. S. Wampole's Prepara-	33c
tion C. L. Oil	33c
\$1.00 H. K. Wampole's Prepara-	67c
tion C. L. Oil (the original)	67c
50c Parisian Sage Hair Tonic.	31c
50c Herpicide	33c
\$1.25 Verocolate Tablets	90c
\$1.00 Pierce's Prescription	67c
50c Babek	34c
50c Glover's Mango Remedy	36c
25c Dioxogen	16c
25c Glyco Thymoline	17c
\$1.00 Peruna	71c
\$1.00 Odoferrin	75c
25c Sloan's Liniment	17c
25c Omega Oil	17c
25c Dandierine	15c
50c California Syrup Figs	31c
25c Mentholatum	14c
50c Alkalol	35c
75c Alkalol	59c
50c Patchchild's Eps. Pepsin	35c
50c Lambert's Listerine	32c
25c Stero Beef Cubes	25c
25c Oxo Beef Cubes	15c

Big Savings on Toilet Articles

Peroxide Cream		25c Calder's Tooth	18c
Unequaled for chapped hands,		Powder	18c
face, and lips, or any roughness		25c Pro-Ply Toi Tooth	16c
of the skin. The 25c jars cut	15c	Paste	16c
to		25c Mead and Baker's	16c
25c Lehn & Fink's Reversis	17c	Mouth Wash	16c
Violet Talcum	17c	25c Sozodent, Liquid, Paste,	16c
10c Physicians and Sur-	11c	or Powder	16c
geons' Soap, 2 bars.	8c	25c Euthymol Tooth	13c
10c Soap	14c	Paste	13c
25c Packard's	17c	25c Sanitol Tooth	15c
25c Poslam	17c	Paste	15c
25c Sheffield's Tooth	17c	25c Emiline Tooth	19c
Paste	17c	Paste	19c
25c Arnica Tooth	16c	25c Pasturine Tooth	15c
25c Kal Pheno Tooth	18c		
Paste	18c	D. & R. COLD CREAM.	
25c Calox Tooth	15c	10c tubes	7c
Powder	15c	25c jars	27c
25c Zonwells Tooth	17c	50c jars	36c
Paste	17c	85c jars	69c
		50c Hind's Honey and Almond	31c
		Cream	31c

Jergen's Benzoin and Almond Cream

For preserving the skin; healing, soothing, and whitening; perfectly harmless toilet cream. 21c



Effervescent Phosphate Soda

One of the Best Remedies

We Know of for Constipation, Dyspepsia, Children's Diarrhea, and Jaundice. 1 lb. bottle 49c



Pure Grape Juice

Will Keep You Cool These Hot Days

A Healthful Beverage

Pint Bottle . . . 14c

Quart Bottle . . . 23c



Effervescent Vichy

and Kissingen

Said to be the best obesity treatment; it is harmless and very effective. 1 lb. bottle, this sale . . 49c



Thermos Bottles

Keep Things Hot 24 Hours

Keep Them Cold 72 Hours

Pint Size, \$1.19

Quart Size, \$2.19

5c Wax Lunch Paper 5c

2 Rolls . . . 5c



Pure French OLIVE OIL

As a healthful food there is nothing that can equal it. Rich, appetizing, fattening and a body builder. Full measure bottles.

Half Pints, 19c

Pints . . 35c

Quarts . . 65c



Hoyo Monterey (Perf.) Imported Cigars

Perfectors

ROMEO & JULIET . . . 25c quality, Cut to 20c.

CORONA . . . Box of 25, \$4.00.

MANUEL GARCIA . . . 15c cigars, Cut to 10c.

LA CAROLINA . . . 2 for 25c, Box of 50, \$6.10.

BOCK (Panatella) . . .

Key West and Domestic 10c Cigars

MANUEL (Perf. and Pan.), ROSSINI, F. C. GARCIA (Con. Spec.), ADELINA PATTI, LOVERA (Con. Spec.), CORTEZ (Boston Chico), W. A. LIBERTAS (Bouquet Grand), Cut to 7c; 4 for 25c. Box of 50, \$3.00.

SOBERNET (Perfected), 10c straight size, Cut to 3 for 25c. Box of 50 for \$3.50.

TOM CONLEY, Cut to 3 for 5c. Box of 50 cigars, 75c. Box of 25 cigars, 35c.

BOCK (Cubana), 3 in a pkg. Regular price, 60c. Cut to 3 for 45c. Box of 50, \$7.00.

CORONA (Belv.), ROMEO & JULIET (Perfectionists), 25c quality cut to 15c. Box of 25, \$3.45.



Little Cigars

LORD ROYAL (Panatella), Regular price, 15c pkg. Cut price, 13c pkg., or 2 for 25c.

LITTLE LOVERA, BEAUX ARTS, Regular price, 25c. Cut price, 20c.

FLEVO GIANTS 15c package. Cut to 12c.

CUBAN JUNIORS Cut to 9c.

BLUE MOUSE, Regular price, 15c package. Cut price, 6c.

Smoking Tobacco

VELVET 1-lb. Humidor, 1-lb. Tin, 1/2-lb. Tin.

P. ALBERT 75c 69c 35c

TUXEDO

Little Cigars

GLORIFIERS (T. LONNETTES) 15c 11c

ROYAL BENGALS, HOFFMAN HOUSE

Choice Manila Cigars

La Corredora, La Victoria, La Flora de Luzon, Puntacina.

5c straight cut to 3 for 10c. 8 for 25c. Box of 50 for \$1.50. Largest value ever offered in Manila Cigars.

Tabacars Exquisite, Regular price cigars cut to 2 for 5c. Box of 100 for \$2.25.

Thermometers

From \$20.00 To \$50.00

We Specialize

Thermometers for the household, inside and outside.

Thermometers for the furnace.

Thermometers for the engine room.

Thermometers for the physician.

Thermometers for the agriculturist.

Thermometers for the incubator.

FRED A. SCHMIDT

719-21 13th St.

Near G. (Corridor Entrance).

We are at your service, Close & p. m.

KEEP YOUR BRUSHES CLEAN AND USE SPEISER'S SCALP TONIC

A noted scalp specialist speaking of the prevalence of dandruff and similar manifestations of an unhealthy scalp, recommends first of all that hair brushes, combs, etc., be kept perfectly clean. The daily use of Speiser's Scalp Tonic is strongly urged as it prevents the drying of the scalp, the primary cause of dandruff, itching, etc.

The use of soaps or any other preparation which contains alkalis, must be strictly avoided. Alkalis have a tendency to dry the scalp, which only makes matters worse. Coconut oil and all foaming solutions should not be used. Speiser's Scalp Tonic corrects abnormal conditions, kills dandruff, and relieves itchy, irritated skins. This wonderful preparation sells for 50c and is personally guaranteed by the proprietor of O'Donnell's Drug Store, 904 F street.—Adv.

Ice Cream Soda, the Best in Town, 5c

Milk Shakes . . . 5c

Egg Phosphate . . . 6c

Adams Chewing Gum . . . 2 for 5c

Black Jack Gum . . .

Wrigley's Spearmint Gum . . .

Beeman's Gum . . .

Chicklets . . .

S. R. Cough Drops . . .

Dean's Cough Drops . . .

Red Cross Cough Drops . . .

Mint Jujubes . . .

BATHING AND BEACH CAPS

A large assortment of the newest Pure Gum, Silk and Cotton Rubberized Caps.

Prices 19c Up to 98c

Pure French OLIVE OIL

As a healthful food there is nothing that can equal it. Rich, appetizing, fattening and a body builder. Full measure bottles.

Half Pints, 19c

Pints . . 35c

Quarts . . 65c

Hoyo Monterey (Perf.) Imported Cigars

Perfectors

ROMEO & JULIET . . . 25c quality, Cut to 20c.

CORONA . . . Box of 25, \$4.00.

MANUEL GARCIA . . . 15c cigars, Cut to 10c.

LA CAROLINA . . . 2 for 25c, Box of 50, \$6.10.

BOCK (Panatella) . . .

Key West and Domestic 10c Cigars

MANUEL (Perf. and Pan.), ROSSINI, F. C. GARCIA (Con. Spec.), ADELINA PATTI, LOVERA (Con. Spec.), CORTEZ (Boston Chico), W. A. LIBERTAS (Bouquet Grand), Cut to 7c; 4 for 25c. Box of 50, \$3.00.

SOBERNET (Perfected), 10c straight size, Cut to 3 for 25c. Box of 50 for \$3.50.

TOM CONLEY, Cut to 3 for 5c. Box of 50 cigars, 75c. Box of 25 cigars, 35c.

BOCK (Cubana), 3 in a pkg. Regular price, 60c. Cut to 3 for 45c. Box of 50, \$7.00.

CORONA (Belv.), ROMEO & JULIET (Perfectionists), 25c quality cut to 15c. Box of 25, \$3.45.

Little Cigars

LORD ROYAL (Panatella), Regular price, 15c pkg. Cut price, 13c pkg., or 2 for 25c.

LITTLE LOVERA, BEAUX ARTS, Regular price, 25c. Cut price, 20c.

FLEVO GIANTS 15c package. Cut to 12c.

CUBAN JUNIORS Cut to 9c.

BLUE MOUSE, Regular price, 15c package. Cut price, 6c.

Smoking Tobacco

VELVET 1-lb. Humidor, 1-lb. Tin, 1/2-lb. Tin.

P. ALBERT 75c 69c 35c

TUXEDO

Little Cigars

GLORIFIERS (T. LONNETTES) 15c 11c

ROYAL BENGALS, HOFFMAN HOUSE

Choice Manila Cigars

La Corredora, La Victoria, La Flora de Luzon, Puntacina.

5c straight cut to 3 for 10c. 8 for 25c. Box of 50 for \$1.50. Largest value ever offered in Manila Cigars.

Tabacars Exquisite, Regular price cigars cut to 2 for 5c. Box of 100 for \$2.25.